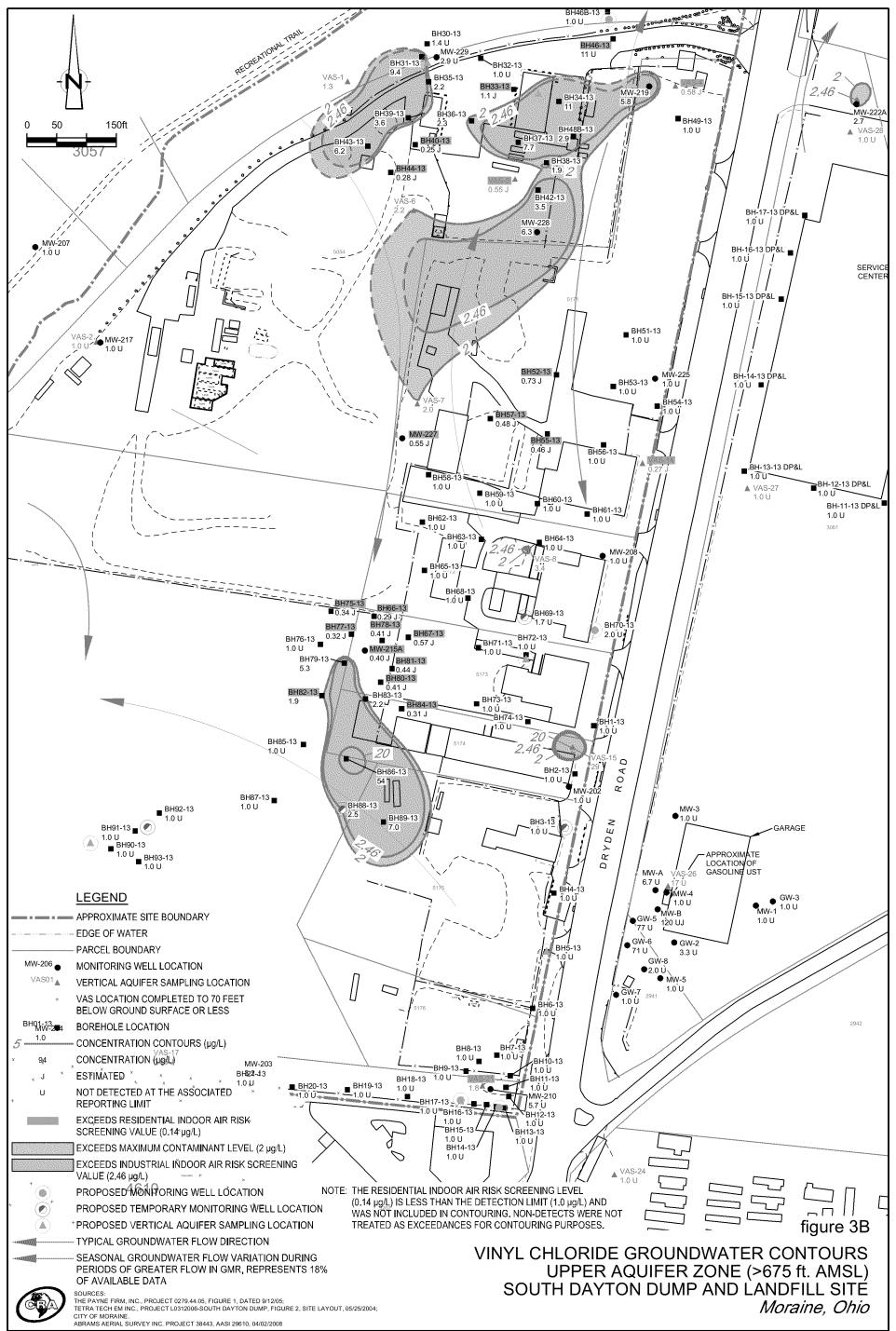


S. EDWIN C. MO 150ft FOR MORE DETAIL 1.0 U MW-224A SEE FIGURE 3B ВН4-13 BH2-13 ■ 1.0 U BH5-13 1.0 U MW-223A 1.0 U MW-206 1.0 U BH9-13 P BH91-13 1.0 U BH90-13 1.0 U BH90-13 1.0 U 1.0 U MW-103 MW-101A MW-204 QUARRY LEGEND APPROXIMATE SITE BOUNDARY - EDGE OF WATER ... PARCEL BOUNDARY MONITORING WELL LOCATION VERTICAL, AQUIFER SAMPLING LOCATION VAS LOCATION COMPLETED TO 70 FEET BELOW GROUND SURFACE OR LESS BOREHOLE LOCATION CONCENTRATION CONTOURS (µg/L) **94**525 CONCENTRATION (µg/L) **ESTIMATED** J NOT DETECTED AT THE ASSOCIATED U REPORTING LIMIT EXCEEDS RESIDENTIAL INDOOR AIR RISK SCREENING VALUE (0.14 µg/L) EXCEEDS MAXIMUM CONTAMINANT LEVEL (2 µg/년)20 EXCEEDS INDUSTRIAL INDOOR AIR RISK SCREENING VALUE (2.46 µg/L) NOTE: THE RESIDENTIAL INDOOR AIR RISK SCREENING LEVEL PROPOSED MONITORING WELLS-LOCATION (0.14  $\mu g/L$ ) IS LESS THAN THE DETECTION LIMIT (1.0  $\mu g/L$ ) AND PROPOSED TEMPORARY MONITORING WELL LOCATION WAS NOT INCLUDED IN CONTOURING, NON-DETECTS WERE NOT figure 3A TREATED AS EXCEEDANCES FOR CONTOURING PURPOSES. PROPOSED VERTICAL AQUIFER SAMPLING LOCATION TYPICAL GROUNDWATER FLOW DIRECTION VINYL CHLORIDE GROUNDWATER CONTOURS SEASONAL GROUNDWATER FLOW VARIATION DURING UPPER AQUIFER ZONE (>675 ft. AMSL) PERIODS OF GREATER FLOW IN GMR, REPRESENTS 18% OF AVAILABLE DATA SOUTH DAYTON DUMP AND LANDFILL SITÉ SOURCES: SOURCES: THE PAYNE FIRM, INC., PROJECT 0279.44.05, FIGURE 1, DATED 9/12/05; TETRA TECH EM INC., PROJECT L0312006-SOUTH DAYTON DUMP, FIGURE 2, SITE LAYOUT, 05/25/2004; CITY OF MORAINE.

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S. EDWIN C. MO 150ft FOR MORE DETAIL 0.84 J 1.0 U-BH4-13 1.0 U BH5-13 1.0 U MW-223A BH2-13 ■ 1.0 U 1.0 U 1.0 U \<sub>BH9-13</sub> 1.0 U MW-201 1.0 U P FORMER AIR CURTAIN DESTRUCTOR SMALL POND MW-101A 1.0 U 👌 VAS-25 QUARRY **LEGEND** APPROXIMATE SITE BOUNDARY - EDGE OF WATER ... PARCEL BOUNDARY MONITORING WELL LOCATION VERTICAL, AQUIFER SAMPLING LOCATION VAS LOCATION COMPLETED TO 70 FEET BELOW GROUND SURFACE OR LESS BOREHOLE LOCATION CONCENTRATION CONTOURS (µg/L) **94**525 CONCENTRATION (µg/L) **ESTIMATED** J NOT DETECTED AT THE ASSOCIATED U REPORTING LIMIT EXCEEDS RESIDENTIAL INDOOR AIR RISK SCREENING VALUE (1.37 µg/L) CONCENTRATION **CRITERIA** EXCEEDS MAXIMUM CONTAMINANT LEVEL (5 µg/E3/20 ∂ ó J1 /□ EXCEEDS INDUSTRIAL INDOOR AIR RISK SCREENING USEPA TAPWATER RESIDENTIAL INDOOR AIR RISK 0.39 VALUE (7.05 µg/L) 1.37 PROPOSED MONITORING WELLOCATION **USEPA MCL** 5 INDUSTRIAL INDOOR AIR RISK 7.05 PROPOSED TEMPORARY MONITORING WELL LOCATION PROPOSED VERTICAL AQUIFER SAMPLING LOCATION figure 4A TYPICAL GROUNDWATER FLOW DIRECTION BENZENE GROUNDWATER CONTOURS SEASONAL GROUNDWATER FLOW VARIATION DURING PERIODS OF GREATER FLOW IN GMR, REPRESENTS 18% UPPER AQUIFER ZONE (>675 ft. AMSL) OF AVAILABLE DATA SOUTH DAYTON DUMP AND LANDFILL SITE SOURCES: SOURCES: THE PAYNE FIRM, INC., PROJECT 0279.44.05, FIGURE 1, DATED 9/12/05; TETRA TECH EM INC., PROJECT L0312006-SOUTH DAYTON DUMP, FIGURE 2, SITE LAYOUT, 05/25/2004; CITY OF MORAINE.

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